

<b>Form PTO-1449</b> (modified)	<b>ATTY. DOCKET NO.</b> DYNX:0002/FLE	<b>SERIAL NO.</b> 09/632,530
List of Patents and Publications For Applicant's Information Disclosure Statement	<b>APPLICANT</b> J. Richard Spears et al.	
(Use several sheets if necessary)	<b>FILING DATE</b> August 4, 2000	<b>GROUP</b> Unassigned <b>1724</b>

**U.S. PATENT DOCUMENTS**

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CTB		604,931	5/31/1898	Eisendrath			10/01/1897
		1,940,341	12/19/33	Bansen et al.	75	27	08/02/29
		2,195,273	03/26/40	Everson	210	28	10/11/34
		2,474,665	06/28/49	Guarino	128	214	02/26/46
		2,700,384	01/25/55	Ivory	128	204	02/01/52
		2,702,035	02/15/55	Gibbon, Jr., et al.	128	214	05/28/49
		2,760,922	08/28/56	Williams, Jr.	204	1	10/31/50
		2,827,901	03/25/58	Jones	128	214	02/15/55
		2,847,008	08/12/58	Taylor et al.	128	214	11/14/55
		2,876,769	03/10/59	Cordova	128	214	10/11/55
		2,975,606	03/21/61	Karwat	62	18	03/14/58
		3,037,504	06/05/62	Everett	128	214	10/01/59
		3,097,645	07/16/63	Lester	128	194	03/22/60
		3,133,132	05/12/64	Loeb, et al.	264	49	11/29/60
		3,142,296	07/28/64	Love	128	214	05/31/62
		3,158,150	11/24/64	Croasdaile et al.	128	1	11/20/62
		3,291,463	12/13/66	Rousseau et al.	261	100	12/26/63
		3,295,684	01/03/67	Webb	210	314	2/28/63
		3,300,051	01/24/67	Mitchell	210	339	9/26/63
		3,406,136	10/15/68	Scarso et al.	260	23.7	10/12/64
		3,437,450	04/08/69	Greenwood	23	285.5	01/04/65
		3,456,928	07/22/69	Selway	261	22	05/24/67
CTB		3,459,565	08/05/69	Jones et al.	106	40	03/13/67

23

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CFB		3,468,136	09/23/69	Swenson et al.	62	64	08/25/64
		3,498,286	03/03/70	Polanyi et al.	128	2	09/21/66
		3,512,517	05/19/70	Kadish et al.	128	2	11/30/64
		3,584,792	06/15/71	Johnson	289	424	04/18/69
		3,623,474	11/30/71	Heilman et al.	128	2 R	07/25/66
		3,628,758	12/21/71	Nichols	244	135	07/22/69
		3,648,694	03/14/72	Mogos et al.	128	214 F	09/25/68
		3,661,724	05/09/72	Strickler	204	1	04/02/70
		3,701,345	10/31/72	Heilman et al.	128	2 R	09/29/70
		3,721,231	03/20/73	Hubert	128	2.05 R	02/01/71
		3,731,679	05/08/73	Wilhelmson et al.	—	—	—
		3,752,145	08/14/73	Runnells et al.	128	2 R	11/01/71
		3,795,088	03/05/74	Esmond	55	206	03/03/72
		3,812,843	05/28/74	Wootten et al.	128	2 R	03/12/73
		3,828,767	08/13/74	Spiroff	128	2.05	10/29/73
		3,841,308	10/15/74	Tate	128	2 M	10/15/73
		3,851,646	12/03/74	Sarns	128	214 R	04/13/73
		3,862,715	01/28/75	Remenyik	233	15	05/26/72
		3,881,483	05/06/75	Sausse	128	214 R	09/12/73
		3,881,990	05/06/75	Burton et al.	195	1.7	09/26/73
		3,898,637	08/05/75	Wolstenholme	340	239 R	07/27/73
		3,911,138	10/07/75	Clark, Jr.	424	352	02/26/73
		3,921,622	11/25/75	Cole	128	2 V	02/26/74
		3,927,981	12/23/75	Viannay et al.	23	258.5	08/30/73
		3,954,921	05/04/76	Yoshida et al.	261	116	06/07/74
		3,957,585	05/18/76	Malick	195	109	01/30/75
		3,963,503	06/15/76	Mackenzie	106	40 V	03/14/75
		3,966,439	06/29/76	Vennos	55	270	11/11/74
		3,972,721	08/03/76	Hammel et al.	106	40 V	03/26/75
CFB		3,995,444	12/07/76	Clark et al.	62	306	11/08/74

EXAM. INT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CTB		4,003,369	01/18/77	Heilman et al.	128	2 M	04/22/75
		4,008,047	02/15/77	Petersen	23	258.5 M	12/26/74
		4,027,045	05/31/77	Fedotkin et al.	426	312	02/03/75
		4,038,430	07/26/77	Drake et al.	427	248 E	03/28/75
		4,039,639	08/02/77	Kankel et al.	121	121 R	04/10/75
		4,041,180	08/09/77	Wilson	11	11	03/05/76
		4,055,498	10/25/77	Radnoti	210	94	08/06/75
		4,064,047	12/20/77	Bernreiter et al.	210	96 R	07/19/76
		4,071,443	01/31/78	Gorski et al.	210	7	07/30/76
		4,104,074	08/01/78	Rostoker	106	40 V	08/18/77
		4,122,858	10/31/78	Schiff	128	348	03/23/77
		4,155,362	05/22/79	Jess	128	214 F	01/13/77
		4,175,545	11/27/79	Termanini	128	666	08/08/77
		4,196,726	04/08/80	Ronzi	128	207.27	12/01/77
		4,196,730	04/08/80	Wilson	128	214	08/01/77
		4,205,042	05/27/90	Lobdell et al.	422	47	06/23/78
		4,235,095	11/25/80	Liebermann	73	19	09/01/78
		4,239,729	12/16/80	Hasegawa et al.	422	48	06/01/79
		4,275,020	06/23/81	DiGregorio et al.	261	111	09/20/78
		4,285,977	08/25/81	Yezek et al.	426	67	10/10/79
		4,303,432	12/01/81	Torobin	65	21.4	08/18/80
		4,304,257	12/08/81	Webster	137	559	07/01/80
		4,312,341	01/26/82	Zissimopoulos et al.	128	214 E	12/13/79
		4,313,828	02/02/82	Brownlee	210	198.2	03/26/79
		4,317,731	03/02/82	Roberts, Jr. et al.	210	741	03/27/78
		4,321,691	03/23/82	Norton	365	8	06/02/80
		4,323,420	04/06/82	Masnari et al.	156	628	07/17/78
		4,323,983	04/06/82	Lee et al.	365	8	08/09/79
		4,332,907	06/01/82	Vieli	501	39	10/04/79
CTB		4,332,908	06/01/82	Vieli	501	39	11/27/79

EXAM. INT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CTB		4,344,429	08/17/82	Gupton et al.	128	214 R	12/13/79
		4,347,326	08/31/82	Iwami et al.	501	39	03/11/81
		4,349,892	09/14/82	Suzuki et al.	365	8	08/01/80
		4,354,502	10/19/82	Colley et al.	128	663	12/03/80
		4,362,621	12/07/82	Dobna et al.	210	450	04/27/81
		4,366,169	12/28/82	White	424	285	01/26/81
		4,368,478	01/11/83	Koto	346	140 R	06/04/81
		4,372,491	02/08/83	Fishgal	239	102	02/26/79
		4,375,812	03/08/83	Vaseen et al.	128	207.27	02/26/81
		4,378,797	04/05/83	Osterholm	604	24	04/14/80
		4,382,288	05/03/83	Silverman	365	8	11/12/81
		4,385,635	05/31/83	Ruiz	128	658	05/15/81
		4,393,863	07/19/83	Osterholm	128	1 R	06/18/81
		4,401,431	08/30/83	Arp	604	4	06/26/81
		4,406,656	09/27/83	Hattler et al.	604	280	06/01/81
		4,423,725	01/03/84	Baran et al.	128	207.15	03/31/82
		4,432,069	02/14/84	Rose et al.	365	8	01/29/81
		4,436,579	03/13/84	Rose et al.	156	626	07/25/83
		4,442,843	04/17/84	Rasor et al.	128	660	11/17/81
		4,443,480	04/17/84	Clark, Jr.	424	352	04/12/82
		4,445,500	05/01/84	Osterholm	128	1 R	09/30/82
		4,445,886	05/01/84	Osterholm	604	28	03/03/82
		4,445,887	05/01/84	Osterholm	604	28	09/30/82
		4,445,896	05/01/84	Gianturco	604	238	03/18/82
		4,448,188	05/15/84	Loeb	128	6	02/18/82
		4,450,841	05/29/84	Osterholm	128	632	09/30/82
		4,451,251	05/29/84	Osterholm	604	24	09/30/82
		4,459,977	07/17/84	Pizon et al.	128	1 D	02/19/82
		4,466,804	08/21/84	Hino	604	4	09/24/81
CTB		4,475,666	10/09/84	Bilbrey et al.	222	14	08/31/81

EXAM. INT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CJB		4,493,692	01/15/85	Reed	604	4	09/29/82
		4,502,129	02/26/85	Suzuki et al.	365	8	06/17/83
		4,509,523	04/09/85	Pevsner	128	658	09/30/82
		4,531,936	07/30/85	Gordon	604	49	01/12/83
		4,537,387	08/27/85	Danby et al.	251	331	09/30/82
		4,538,622	09/03/85	Samson et al.	128	772	11/10/83
		4,540,399	09/10/85	Litzie et al.	607	4	02/01/83
		4,569,836	02/11/86	Gordon	424	1.1	05/24/83
		4,572,203	02/25/86	Feinstein	128	661	01/27/83
		4,573,476	03/04/86	Ruiz	128	658	11/14/83
		4,576,590	03/18/86	Fiddian-Green	604	26	12/29/83
		4,581,012	04/08/86	Brown et al.	604	43	12/05/84
		4,582,181	04/15/86	Samson	128	348.1	08/12/83
		4,596,210	06/24/86	Schmidtke	123	1 A	08/31/83
		4,597,412	07/01/86	Stark	137	606	01/23/85
		4,599,462	07/08/86	Michl	568	702	05/25/83
		4,602,987	07/29/86	Bonaventura et al.	204	129	09/24/84
		4,610,661	09/09/86	Possis et al.	604	52	06/13/84
		4,619,274	10/28/86	Morrison	128	772	04/18/85
		4,644,808	02/24/87	Lecoffre	73	866	12/10/85
		4,645,518	02/24/87	Roffelsen	55	203	05/23/85
		4,648,384	03/10/87	Schmukler	128	1 D	11/21/84
		4,648,865	03/10/87	Aigner	604	4	01/11/85
		4,657,532	04/14/87	Osterholm	604	24	07/19/85
		4,657,756	04/14/87	Rasor et al.	424	9	09/08/83
		4,658,601	04/21/87	Burchell et al.	62	514	02/27/85
		4,661,092	04/28/87	Popovich et al.	604	26	12/09/83
		4,661,094	04/28/87	Simpson	604	53	05/03/85
		4,664,680	05/12/87	Weber	55	48	04/07/86
CJB		4,666,668	05/19/87	Lidorenko et al.	422	48	03/26/86

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CB		4,671,287	06/09/87	Fiddian-Green	128	631	03/03/86
		4,674,480	06/23/87	Lemelson	128	1.1	07/17/84
		4,674,540	06/23/87	Takei et al.	137	625.65	11/27/85
		4,677,100	06/30/87	Nakagawa et al.	514	202	12/26/85
		4,681,119	07/21/87	Rasor et al.	128	660	04/22/86
		4,686,085	08/11/87	Osterholm	422	45	02/23/84
		4,689,149	08/25/87	Kanno et al.	210	321.3	06/21/84
		4,696,195	09/29/87	Savonlahti et al.	73	864.84	02/28/85
		4,713,344	12/15/87	Markhart, III	435	287	07/11/84
		4,715,378	12/29/87	Pope, Jr. et al.	128	344	07/28/86
		4,721,117	01/26/88	Mar et al.	128	772	04/25/86
		4,723,939	02/09/88	Anaise	604	113	07/31/86
		4,729,876	03/08/88	Hennessy et al.	422	103	11/17/86
		4,735,750	04/05/88	Damann	261	29	01/16/85
		4,739,768	04/26/88	Engelson	128	658	06/02/86
		4,739,770	04/26/88	Stephens et al.	128	675	05/21/86
		4,748,984	06/07/88	Patel	128	658	05/29/87
		4,748,986	06/07/88	Morrison et al.	128	772	01/29/87
		4,758,431	07/19/88	Osterholm	424	149	09/30/82
		4,761,288	08/02/88	Mezei	424	450	09/10/85
		4,769,241	09/06/88	Heldebrant et al.	424	161	09/23/86
		4,770,168	09/13/88	Rusz et al.	128	203.12	12/16/85
		4,793,350	12/27/88	Mar et al.	128	344	01/06/87
		4,800,890	01/31/89	Cramer	128	657	12/26/85
		4,802,650	02/07/89	Stricker	251	117	06/29/87
		4,804,358	02/14/89	Karcher et al.	600	17	02/20/86
		4,808,163	02/28/89	Laub	604	105	07/29/87
		4,808,378	02/28/89	Nakanishi et al.	422	48	04/10/87
		4,815,446	03/28/89	McIntosh	600	3	05/09/85
CB		4,827,941	05/09/89	Taylor et al.	128	657	12/23/87

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CDB		4,828,543	05/09/89	Weiss et al.	604	4	04/03/86
		4,830,849	05/16/89	Osterholm	424	2	04/14/88
		4,834,719	05/30/89	Arenas	604	243	04/28/86
		4,840,617	06/20/89	Osterholm	604	174	08/24/88
		4,846,193	07/11/89	Tremulis et al.	128	772	09/21/87
		4,850,954	07/25/89	Charvin	604	4	09/15/86
		4,850,958	07/25/89	Berry et al.	604	26	06/08/88
		4,865,836	09/12/89	Long, Jr.	424	5	01/14/86
		4,869,717	09/26/89	Adair	604	51	04/25/88
		4,871,450	10/03/89	Goodrich et al.	210	151	08/20/87
		4,874,509	10/17/89	Bullock	210	169	04/24/87
		4,874,581	10/17/89	Sutherland et al.	422	46	07/07/88
		4,875,489	10/24/89	Messner et al.	128	772	08/14/87
		4,877,031	10/31/89	Conway et al.	128	344	07/22/88
		4,884,065	11/28/89	Crouse et al.	340	632	06/13/88
		4,919,650	04/24/90	Feingold et al.	604	67	03/29/88
		4,919,895	04/24/90	Heldebrant et al.	422	129	06/18/87
		4,921,478	05/01/90	Solano et al.	604	53	02/23/88
		4,923,442	05/08/90	Segall et al.	604	52	04/26/89
		4,927,418	05/22/90	Dake et al.	604	264	01/09/89
		4,927,623	05/22/90	Long, Jr.	424	5	01/04/88
		4,929,317	05/29/90	Nishimura et al.	204	59 R	12/01/87
		4,930,319	06/05/90	Bee et al.	62	69	06/12/89
		4,953,553	09/04/90	Tremulis	128	637	05/11/89
		4,961,731	10/09/90	Bodicky et al.	604	264	06/09/88
		4,963,130	10/16/90	Osterholm	604	24	11/18/86
		4,964,409	10/23/90	Tremulis	128	657	08/31/89
		4,965,022	10/23/90	Litz	261	36.1	01/16/90
		4,966,163	10/30/90	Kraus et al.	128	772	02/14/89
CDB		4,968,307	11/06/90	Dake et al.	604	264	04/10/89

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CB		4,968,483	11/06/90	Müller et al.	422	45	11/04/87
		4,969,878	11/13/90	Schmidt et al.	604	264	07/10/86
		Re. 33,451	11/20/90	Clark, Jr.	514	628	07/23/85
		4,973,493	11/27/90	Guire	427	2	10/15/87
		4,973,558	11/27/90	Wilson et al.	435	240.242	04/28/88
		4,979,959	12/25/90	Guire	623	66	05/05/89
		4,981,691	01/01/91	Osterholm et al.	424	422	04/05/89
		4,983,747	01/08/91	Nishimura et al.	549	423	03/15/90
		4,985,550	01/15/91	Charpiot et al.	536	18.4	07/28/87
		4,986,809	01/22/91	Hattler	604	26	02/26/90
		4,991,588	02/12/91	Pflueger et al.	128	662	11/13/89
		5,000,739	03/19/91	Kulisz et al.	604	132	07/12/88
		5,002,582	03/26/91	Guire et al.	623	66	12/08/89
		5,006,110	04/09/91	Garrison et al.	604	65	12/01/87
		5,006,352	04/09/91	Zelenák née Zoltai et al.	426	67	02/26/88
		5,009,251	04/23/91	Pike et al.	137	601	11/15/88
		5,021,044	06/04/91	Sharkawy	604	53	01/30/89
		5,029,579	07/09/91	Trammell	128	205.26	08/10/89
		5,037,403	08/06/91	Garcia	604	280	11/08/89
		5,039,482	08/13/91	Panzani et al.	422	46	12/09/88
		5,044,164	09/03/91	Bee	62	46.1	04/10/89
		5,050,606	07/24/91	Tremulis	128	637	05/25/90
		5,055,109	10/08/91	Gould et al.	604	95	10/05/89
		5,057,120	10/15/91	Farcot	606	194	12/28/88
		5,059,171	10/22/91	Bridge et al.	604	67	06/21/90
		5,509,182	10/22/91	Laing	604	142	05/16/89
		5,059,851	10/22/91	Corl et al.	310	334	09/06/90
		5,061,236	10/29/91	Sutherland et al.	604	4	07/16/90
		5,061,484	10/29/91	Heldebrant	424	78	03/10/89
CB		5,067,489	11/26/91	Lind	128	772	10/26/90



EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CPB		5,069,661	12/03/91	Trudell	604	4	05/18/88
		5,072,739	12/17/91	John	128	897	06/05/91
		5,080,885	01/14/92	Long, Jr.	424	5	08/26/89
		5,084,011	01/28/92	Grady	604	24	01/25/90
		5,086,620	02/11/92	Spears	62	51.1	02/14/91
		5,087,244	02/11/92	Wolinsky et al.	604	53	09/27/90
		5,098,376	03/24/92	Berry et al.	604	26	12/22/89
		5,102,390	04/07/92	Crittenden et al.	604	96	05/02/85
		5,104,373	04/14/92	Davidner et al.	604	4	07/19/90
		5,106,363	04/21/92	Nobuyoshi	604	4	10/05/89
		5,108,662	04/28/92	Litz et al.	261	16	05/01/91
		5,110,548	05/05/92	Montevècchi	422	48	03/10/88
		5,113,013	05/12/92	Powell et al.	562	493	04/26/90
		5,114,423	05/19/92	Kasprzyk et al.	606	27	05/09/90
		5,116,317	05/26/92	Carson, Jr. et al.	604	96	06/18/91
		5,119,807	06/09/92	Roberts	128	200.24	05/09/89
		5,124,088	06/23/92	Stumphauzer	261	121.1	09/04/90
		5,135,517	08/04/92	McCoy	604	281	07/19/90
		5,137,513	08/11/92	McInnes et al.	604	96	07/02/90
		5,147,311	09/15/92	Pickhard	604	153	08/29/88
		5,152,964	10/06/92	Leonard	422	48	02/15/91
		5,158,533	10/27/92	Strauss et al.	604	4	03/26/91
		5,158,540	10/27/92	Wijay et al.	604	43	05/22/90
		5,158,548	10/27/92	Lau et al.	604	96	07/24/91
		5,166,573	11/24/92	Brown	310	334	09/17/90
		5,171,216	12/15/92	Dasse et al.	604	43	11/04/91
		5,178,603	01/12/93	Prince	604	6	07/24/90
		5,180,364	01/19/93	Ginsburg	604	53	07/03/91
		5,181,908	01/26/93	Bell	604	24	12/07/90
CPB		5,184,627	02/09/93	de Toledo	128	772	01/18/91

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CTB		5,186,713	02/16/93	Raible	604	4	11/01/90
		5,195,971	03/23/93	Sirhan	604	96	02/10/92
		5,199,939	04/06/93	Dake et al.	600	3	02/23/90
		5,203,338	04/20/93	Jang	128	662.06	08/14/92
		5,209,720	05/11/93	Unger	604	22	06/18/91
		5,211,546	05/18/93	Isaacson et al.	417	356	05/11/92
		5,211,627	05/18/93	William	604	82	02/12/91
		5,211,636	05/18/93	Mische	604	264	10/31/90
		5,211,637	05/18/93	Goto et al.	604	283	06/15/90
		5,213,576	05/25/93	Abiuso et al.	604	96	06/11/91
		5,215,680	06/01/93	D'Arrigo	252	307	07/10/90
		5,217,492	06/08/93	Guire et al.	623	11	04/03/91
		5,218,958	06/15/93	Cooper	128	205.26	02/21/91
		5,219,099	06/15/93	Spence et al.	222	325	09/06/91
		5,219,326	06/15/93	Hattler	604	26	05/05/92
		5,221,483	06/22/93	Glenn et al.	210	641	11/04/91
		5,226,888	07/13/93	Arney	604	96	10/25/91
		5,236,416	08/17/93	McDaniel et al.	604	67	05/23/91
		5,240,004	08/31/93	Walinsky et al.	128	662.06	02/14/92
		5,241,985	09/07/93	Faust et al.	137	505.13	11/19/92
		5,252,159	10/12/93	Arney	156	169	01/04/93
		5,254,772	10/19/93	Dukat et al.	570	170	03/12/92
		5,261,875	11/16/93	Spears	604	24	01/08/92
		5,271,406	12/21/93	Ganguly et al.	128	663.01	05/22/92
		5,273,052	12/28/93	Krans et al.	128	772	01/08/92
		5,277,176	01/11/94	Habashi et al.	128	200.24	06/29/92
		5,279,562	01/18/94	Sirhan et al.	604	96	01/15/93
		5,279,565	01/18/94	Klein et al.	604	105	02/03/93
		5,302,168	04/12/94	Hess	600	3	09/05/91
CTB		5,304,325	04/19/94	Kaufman et al.	252	312	11/13/91

30

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CTB		5,308,320	05/03/94	Safar et al.	604	4	12/28/90
		5,322,500	06/21/94	Johnson et al.	604	4	03/04/93
		5,322,508	06/21/94	Viera	604	52	04/08/93
		5,322,511	06/21/94	Armbruster et al.	604	155	11/19/93
		5,324,263	06/28/94	Kraus et al.	604	96	03/31/93
		5,324,436	06/28/94	John et al.	210	638	03/12/93
		5,334,142	08/02/94	Paradis	604	53	09/09/91
		5,339,816	08/23/94	Akamatsu et al.	128	661.09	10/21/92
		5,341,818	08/30/94	Abrams et al.	128	772	12/22/92
		5,342,517	08/30/94	Kopf	210	228	01/12/93
		5,344,393	09/06/94	Roth et al.	604	4	02/28/92
		5,344,402	09/06/94	Crocker	604	96	06/30/93
		5,344,930	09/06/94	Riess et al.	544	84	11/08/93
		5,356,388	10/18/94	Sepetka et al.	604	164	09/22/92
		5,360,396	11/01/94	Chan	604	26	07/19/93
		5,366,696	11/22/94	Williams	422	45	01/07/93
		5,368,555	11/29/94	Sussman et al.	604	4	12/29/92
		5,370,640	12/06/94	Kolff	606	2	07/01/93
		5,372,709	12/13/94	Hood	210	90	06/01/93
		5,374,624	12/20/94	Segel	514	21	08/11/93
		5,376,069	12/27/94	Hattler	604	26	04/30/93
		5,376,083	12/27/94	Mische	604	264	05/14/93
		5,376,240	12/27/94	Kaczur et al.	204	128	11/23/93
		5,380,307	01/10/95	Chee et al.	604	264	09/30/92
		5,382,407	01/17/95	Leonard	422	48	10/05/92
		5,383,853	01/24/95	Jung et al.	604	96	11/12/92
		5,385,821	01/31/95	O'Dell et al.	435	1	07/19/94
		5,393,513	02/28/95	Long, Jr.	424	5	07/30/93
		5,394,732	03/07/95	Johnson et al.	73	19.1	09/10/93
CTB		5,395,353	03/07/95	Scribner	604	264	11/02/93

EXAM. INT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CFB		5,405,329	04/11/95	Durand	604	164	12/31/91
		5,407,424	04/18/95	LaFontaine et al.	604	4	02/24/93
		5,407,425	04/18/95	Werner et al.	604	4	08/31/94
		5,407,426	04/18/95	Spears	4	24	11/15/93
		5,409,455	04/25/95	Belden	604	43	07/09/93
		5,409,470	04/25/95	McIntyre et al.	604	283	05/07/93
		5,411,466	05/02/95	Hess	600	3	03/28/94
		5,413,558	05/09/95	Paradis	604	101	10/01/93
		5,417,663	05/23/95	Slettenmark	604	126	09/10/93
		5,417,969	05/23/95	Hsu et al.	424	78.27	11/18/93
		5,423,741	06/13/95	Frank	604	26	05/28/93
		5,425,703	06/20/95	Feiring	604	21	01/14/94
		5,433,866	07/18/95	Hoppe et al.	210	748	03/18/94
		5,434,191	07/18/95	Dandliker et al.	424	678	08/23/93
		5,437,633	08/01/95	Manning	604	53	03/30/94
		5,438,041	08/01/95	Zheng et al.	514	6	03/03/93
		5,439,000	08/08/95	Gunderson et al.	128	664	11/18/93
		5,449,342	09/12/95	Hirose et al.	604	4	12/23/93
		5,451,211	09/19/95	Neer et al.	604	154	02/14/94
		5,456,669	10/10/95	Neer et al.	604	154	11/30/93
		5,456,670	10/10/95	Neer et al.	604	155	03/03/94
		5,462,523	10/31/95	Samson et al.	604	30	05/18/93
		5,466,216	11/14/95	Brown et al.	604	33	04/11/94
		5,480,392	01/02/96	Mous	604	280	02/03/94
		5,487,727	01/30/96	Snider et al.	604	49	04/22/94
		5,494,576	02/27/96	Hoppe et al.	210	198.1	04/27/95
		5,498,251	03/12/96	Dalton	604	282	11/29/94
		5,500,096	03/19/96	Yuan	203	3	06/07/95
		5,507,280	04/16/96	Henkin et al.	128	203.12	03/17/95
CFB		5,509,900	04/23/96	Kirkman	604	104	10/15/93

EXAM. INT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CEB		5,527,466	06/18/96	Li et al.	210	636	10/25/93
		5,527,962	06/18/96	Pavia et al.	564	152	05/05/94
		5,533,957	07/09/96	Aldea	600	16	05/18/95
		5,562,608	10/08/96	Sekins et al.	604	20	04/13/95
		5,569,180	10/29/96	Spears	604	24	07/12/94
		5,569,197	10/29/96	Helmus et al.	604	96	12/21/94
		5,573,668	11/12/96	Grosh et al.	210	490	06/01/95
		5,582,574	12/10/96	Cramer	600	21	03/24/95
		5,589,062	12/31/96	Rice	210	198.2	05/30/95
		5,591,399	01/07/97	Goldman et al.	422	44	06/07/95
		5,599,296	02/04/97	Spears	604	26	12/09/94
		5,605,162	02/25/97	Mirzaee et al.	128	772	09/01/93
		5,612,226	03/18/97	Williams	436	167	10/03/95
		5,620,440	04/15/97	Heckele et al.	606	28	11/14/94
		5,621,144	04/15/97	Cooper	564	189	01/09/95
		5,628,755	05/13/97	Heller et al.	606	108	10/24/95
		5,634,897	06/03/97	Dance et al.	604	35	10/08/93
		5,647,976	07/15/97	Rothe et al.	210	137	03/03/95
		5,670,094	09/23/97	Sasaki et al.	261	27	01/25/96
		5,693,017	12/02/97	Spears et al.	604	132	06/07/95
		5,695,473	12/09/97	Olsen	604	153	07/27/94
		5,695,717	12/09/97	Polaschegg et al.	422	48	11/15/96
		5,702,357	12/30/97	Bainbridge et al.	604	4	06/07/95
		5,702,364	12/30/97	Euteneuer et al.	604	96	11/22/91
		5,702,368	12/30/97	Stevens et al.	604	171	05/30/95
		5,706,859	01/13/98	Bäcklund	137	885	07/16/94
		5,709,654	01/20/98	Klatz et al.	604	24	06/07/95
		5,709,658	01/20/98	Sirhan et al.	604	102	02/16/96
		5,716,318	02/10/98	Manning	600	16	04/14/95
CEB		5,720,716	02/24/98	Blakeslee et al.	604	4	06/07/95

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CTB		5,725,492	03/10/98	Igo et al.	604	4	03/04/96
		5,730,330	03/24/98	Reading	222	113	07/31/95
		5,730,698	03/24/98	Fischell et al.	600	3	05/09/95
		5,730,935	03/24/98	Spears	422	44	06/07/95
		5,735,934	04/07/98	Spears	75	414	05/30/95
		5,738,644	04/14/98	Holmes et al.	604	4	06/07/95
		5,752,929	05/19/98	Klatz et al.	604	51	06/07/95
		5,766,490	06/16/98	Taylor et al.	210	758	01/24/96
		5,772,624	06/30/98	Utterberg et al.	604	4	07/20/95
		5,786,136	07/28/98	Mayer	435	12	06/06/94
		5,797,874	08/25/98	Spears	604	53	06/05/95
		5,797,876	08/25/98	Spears et al.	604	95	11/27/95
		5,798,041	08/25/98	Zuk, Jr.	210	456	09/06/95
		5,798,091	08/25/98	Trevino et al.	424	9.52	02/28/95
		5,799,830	09/01/98	Carroll et al.	222	95	11/08/96
		5,800,397	09/01/98	Wilson et al.	604	151	10/07/97
		5,807,356	09/15/98	Finch, Jr. et al.	604	284	10/04/95
		5,810,757	09/22/98	Sweezer, Jr. et al.	604	4	12/01/95
		5,810,759	09/22/98	Merz	604	4	03/27/97
		5,814,004	09/29/98	Tamari	604	4	06/07/95
		5,814,125	09/29/98	Anderson et al.	75	414	03/18/97
		5,814,222	09/29/98	Zelenák et al.	210	615	03/31/95
		5,817,045	10/06/98	Sever, Jr.	604	4	03/17/97
		5,817,046	10/06/98	Glickman	604	4	07/14/97
		5,820,586	10/13/98	Booth et al.	604	53	05/15/97
		5,834,519	11/10/98	Spears	514	938	10/11/96
		5,840,067	11/24/98	Berguer et al.	604	104	02/28/97
		5,843,023	12/01/98	Cecchi	604	44	10/04/95
		5,843,307	12/01/98	Faivre et al.	210	192	01/26/95
CTB		5,849,005	12/15/98	Garrison et al.	606	1	01/16/96

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CTB		5,849,191	12/15/98	Agranonik et al.	210	608	11/22/95
		5,849,249	12/15/98	Jones, Jr. et al.	422	101	03/17/97
		5,869,538	02/09/99	Van Liew et al.	514	743	11/26/96
		5,874,093	02/23/99	Eliasz et al.	424	401	11/15/96
		5,879,282	03/09/99	Fischell et al.	600	3	01/21/97
		5,882,343	03/16/99	Wilson et al.	604	246	10/07/97
		5,885,467	03/23/99	Zelenák et al.	210	758	11/24/97
		5,891,111	04/06/99	Ismael	604	280	03/30/98
		5,893,838	04/13/99	Daoud et al.	604	26	08/15/97
		5,916,209	06/29/99	Mick	604	523	12/24/97
		5,922,305	07/13/99	Spears	424	43	07/08/97
		5,935,122	08/10/99	Fourkas et al.	604	523	08/01/97
		5,957,899	09/28/99	Spears et al.	604	264	06/24/96
		5,957,949	09/28/99	Leonhardt et al.	606	194	05/01/97
		5,958,377	09/28/99	Spears	424	43	07/08/97
		5,976,119	11/02/99	Spears et al.	604	508	08/21/98
CTB		5,989,210	11/23/99	Morris et al.	604	22	02/06/98

#### FOREIGN PATENT DOCUMENTS

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
CTB		0 279 379 A1	08/24/88	EPO	A61K	9/00	Yes
		0 282 948 A2	09/21/88	EPO	A61K	9/00	Yes
		0 291 612 B1	11/23/88	EPO	A61M	5/14	Yes
		0 363 516 A1	04/18/90	EPO	A61B	5/02	Yes
		0 490 459 A1	06/17/92	EPO	A61M	25/00	Yes
		0 597 195 A2	05/18/94	EPO	A61M	25/01	Yes
		0 619 122 A1	10/12/94	EPO	A61M	5/145	Yes
		1.320.820	02/04/63	France	A61M		No
CTB		2 320 908	11/03/77	France	C02C	1/12	No

EXAM. INIT.	REF. DES.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION
CD		2 343 845	03/07/74	Germany	30k	1/02	Patent (No) Abstract (Yes)
		DE2649126A1	05/03/78	Germany	B01F	3/04	Patent (No) Abstract (Yes)
		DE4105726C1	09/17/92	Germany	C12M	1/04	No
		1 512 637	06/01/78	Great Britain	C03C	3/16	Yes
		59-130812	07/27/84	Japan	A61K	31/17	Patent (No) Abstract (Yes)
		59-130813	07/27/84	Japan	A61K	31/17	Patent (No) Abstract (Yes)
		63-208523	08/30/88	Japan	A61K	31/555	Patent (No) Abstract (Yes)
		WO 92/14404	09/03/92	PCT	A61B	6/00	Yes
		WO 92/14976	09/03/92	PCT	F25B	19/00	Yes
		WO 94/15659	07/21/94	PCT	A61M	1/32	Yes
		WO 95/13843	05/26/95	PCT	A61M	37/00	Yes
		WO 96/01593	01/25/96	PCT	A61B	19/00	Yes
		WO 96/17565	06/13/96	PCT	A61F	5/00	Yes
		WO 96/32157	10/17/96	PCT	A61N	1/362	Yes
		WO 96/40334	12/19/96	PCT	A61M	15/00	Yes
		WO 96/41987	12/27/96	PCT	F17C		Yes
		WO 97/11735	04/03/97	PCT	A61M	25/00	Yes
		WO 97/19713	06/05/97	PCT	A61M		Yes
		WO 97/49447	12/31/97	PCT	A61M	25/00	Yes
		WO 98/16203	04/23/98	PCT	A61K	9/133	Yes
		WO 98/46340	10/22/98	PCT	B01F		Yes
		WO 99/08732	02/25/99	PCT	A61M	1/32	Yes
		WO 99/08733	02/25/99	PCT	A61M	1/36	Yes
		WO 99/62584	12/09/99	PCT	A61M	25/00	Yes
		WO 00/04943	02/03/00	PCT	A61M	1/32	Yes
CD		901895	01/30/82	Russia	G01N	29/02	Patent (No) Abstract (Yes)

26



# OTHER ART

(Author, Title, Journal, Volume, Pertinent Pages, & Date)		
CTB		Padmavathy Guttikonda et al., "Effect of Topical O <sub>2</sub> -Supersaturated Normal Saline on UV Light-Induced Mouse Ear Inflammation," SSID Dermatology Session Abstract, Vol. 44, No. 1, p. 51A, January 1996.
		B. Kantor et al., "Coronary Reperfusion with Aqueous Oxygen Improves Left Ventricular Ejection Fraction and May Reduce Mortality in an Ischemic Porcine Model," (Abstracts/Poster TCT-231), Amer. J. Cardiology, p. 86S, October 8, 1998.
		S. C. Davis et al., "Delivery of Oxygen to Cutaneous Tissue Via a Super Saturated Oxygen (SOS) Emulsion," Journal of Investigative Dermatology, Vol. 112, No. 4, pg. 632, April 1999.
		N.M. Yusof et al., "Assessment of the Safety and Efficacy of Supersaturated Oxygen Solution: A Novel Method of Reducing Myocardial Ischaemia in PTCA," (Abstracts/Poster TCT-276), Amer. J. Cardiology, p. 100S, October 8, 1998.
		John Metschl, "The Supersaturation of Gases in Water and Certain Organic Liquids," Vol. 28, pgs. 417-437, 1924.
		Frank B. Kenrick et al., "Supersaturation of Gases in Liquids," J. Phys. Chem., Vol. 28, pgs. 1308-1315, 1924.
		Robert B. Dean, "The Formation of Bubbles," Journal of Applied Physics, Volume 15, pgs. 446-451, May, 1944.
		P.S. Epstein et al., "On the Stability of Gas Bubbles in Liquid-Gas Solutions," The Journal of Chemical Physics, Volume 18, Number 11, pgs. 1505-1509, November, 1950.
		A. Van Cleeff et al., "Gas Hydrates of Nitrogen and Oxygen, II," RECUEIL, 84, pgs. 1085-1093, 1965.
		K.E. Karlson et al., "Total cardiopulmonary bypass with a new microporous Teflon membrane oxygenator," Surgery, Vol. 76, No. 6, pgs. 935-945, December 1974.
		W. Zingg et al., "Improving the Efficiency of a Tubular Membrane Oxygenator," Med. Progr. Technol. 4, pgs. 139-145, 1976.
		C. Boe et al., "Use of Hyperbaric Oxygen as Oxygen Source in Extracorporeal Oxygenation of Blood," Physiological and Clinical Aspects of Oxygenator Design, Elsevier North-Holland Biomedical Press, Luxembourg, 1976.
		Pieter Stroev et al., "Supersaturated fluorocarbon as an oxygen source," Physiological and Clinical Aspects of Oxygenator Design, Elsevier North-Holland Biomedical Press, pgs. 129-139, Luxembourg, 1976.
		Edvard A. Hemmingsen, "Cavitation in gas-supersaturated solutions," Journal of Applied Physics, Vol. 46, No. 1, pgs. 213-218, January 1976.
		Robert H. Bartlett et al., "Instrumentation for cardiopulmonary bypass - past, present, and future," Medical Instrumentation, Vol. 10, No. 2, pgs. 119-124, March-April 1976.
		Special Publication No. 29, "Herbicides and Fungicides - Factors affecting their Activity," The Chemical Society, Burlington House, London, September 15-17, 1976.
		Wayne A. Gerth et al., "Gas Supersaturation Thresholds for Spontaneous Cavitation in Water with Gas Equilibration Pressures up to 570 atm1," Z. Naturforsch, 31a, pgs.1711-1716, October 5, 1976.
CTB		Armand A. Lefemine et al., "Increased oxygen pressure to improve the efficiency of membrane oxygenators," Medical Instrumentation, Vol. 10, No. 6, pgs. 304-308, November-December 1976.

(Author, Title, Journal, Volume, Pertinent Pages, & Date)		
Q3		"Controlled Release Glass (CRG)," Standard Telecommunication Laboratories Limited, 1977.
		Edvard A. Hemmingsen, "Effects of Surfactants and Electrolytes on the Nucleation of Bubbles in Gas-Supersaturated Solutions," Z. Naturforsch, 33a, pgs. 164-171, October 25, 1977.
		Philip A. Drinker et al., "Engineering Aspects of ECMO Technology," Artificial Organs, Vol. 2, No. 1, pgs. 6-11, February 1978.
		Robert C. Eberhart et al., "Mathematical and Experimental Methods for Design and Evaluation of Membrane Oxygenators," Artificial Organs, Vol. 2, No. 1, pgs. 19-34, February 1978.
		S. Marlow et al., "A pO <sub>2</sub> Regulation System For Membrane Oxygenators," American Society For Artificial Internal Organs, Vol. XXVII, pgs. 299-303, 1981.
		E.H. Spratt et al., "Evaluation of a Membrane Oxygenator For Clinical Cardiopulmonary Bypass," Trans Am Soc Artif Intern Organs, Vol. XXVII, pgs. 285-288, 1981.
		F. Valdés et al., "Ex Vivo Evaluation of a New Capillary Membrane Oxygenator," Trans Am Soc Artif Intern Organs, Vol. XXVII, pgs. 270-275, 1981.
		Malcolm Savage, "A Preliminary Report into the Development and use of Soluble Controlled-release Glass Timing Discs Implanted into Orthodontic Appliances," British Journal of Orthodontics, Vol. 9, pgs. 190-193, 1982.
		T. Dohi et al., "Development and Clinical Application of a New Membrane Oxygenator Using a Microporous Polysulfone Membrane," Trans Am Soc Artif Intern Organs, Vol. XXVIII, pgs. 338-341, 1982.
		J. Mieszala et al., "Evaluation of a New Low Pressure Drop Membrane Oxygenator," Trans Am Soc Artif Intern Organs, Vol. XXVIII, pgs. 342-349, 1982.
		S. Ohtake et al., "Experimental Evaluation of Pumpless Arteriovenous ECMO With Polypropylene Hollow Fiber Membrane Oxygenator for Partial Respiratory Support," Trans Am Soc Artif Intern Organs, Vol. XXIX, pgs. 237-241, 1983.
		F.M. Servas et al., "High Efficiency Membrane Oxygenator," Trans Am Soc Artif Intern Organs, Vol. XXIX, pgs. 231-236, 1983.
		Webster's II New Riverside University Dictionary, pg. 976, 1984.
		Karl E. Karlson et al., "Initial Clinical Experience With a Low Pressure Drop Membrane Oxygenator for Cardiopulmonary Bypass in Adult Patients," The American Journal of Surgery, Vol. 147, pgs. 447-450, April 1984.
		D.W. Davidson et al., "The ability of small molecules to form clathrate hydrates of structure II," Nature, Vol. 311, pgs. 142-143, September 13, 1984.
		H. Matsuda et al., "Evaluation of a New Siliconized Polypropylene Hollow Fiber Membrane Lung for ECMO," Trans Am Soc Artif Intern Organs, Vol. XXXI, pgs. 599-603, 1985.
		T. Kawamura et al., "ECMO in pumpless RV to LA bypass," Trans Am Soc Artif Intern Organs, Vol. XXXI, pgs. 616-621, 1985.
QTP		J.B. Zwischenberger et al., "Total Respiratory Support With Single Cannula Venovenous ECMO: Double Lumen Continuous Flow vs. Single Lumen Tidal Flow," Trans Am Soc Artif Intern Organs, Vol. XXXI, pgs. 610-615, 1985.

(Author, Title, Journal, Volume, Pertinent Pages, & Date)		
CDB		Yehuda Finkelstein et al., "Formation of Gas Bubbles in Supersaturated Solutions of Gases in Water," AIChE Journal, Vol. 13, No. 9, pgs. 1409-1419, September, 1985.
		J.S. Tse et al., "Structure of Oxygen Clathrate Hydrate by Neutron Powder Diffraction," Journal of Inclusion Phenomena, Vol. 4, pgs. 235-240, 1986.
		Paolo Angelini et al., "Distal Hemoperfusion During Percutaneous Transluminal Coronary Angioplasty," The American Journal of Cardiology, Vol. 58, pgs. 252-255, August 1, 1986.
		Mordecai B. Rubin et al., "Measurements of Critical Supersaturation for Homogeneous Nucleation of Bubbles," American Chemical Society, December 9, 1986.
		Dr. Arthur Lefebvre, "Atomization And Sprays," ASME Short Course Program, The American Society of Mechanical Engineers, May 31, 1987.
		Sara Rockwell, "Tumor Radiation Responses And Tumor Oxygenation In Aging Mice," Experimental Gerontology, Vol. 24, pgs. 37-48, 1989.
		"Fluosol® 20% Intravascular Perfluorochemical Emulsion Product Information," Alpha Therapeutic Corporation, Los Angeles, California, pgs. 1-8, December 1989.
		T. Hondoh et al., "The Crystallographic Structure of the Natural Air-Hydrate in Greenland Dye-3 Deep Ice Core," Journal of Inclusion Phenomena and Molecular Recognition in Chemistry, Vol. 8, pgs. 17-24, 1990.
		Howard P. Grill et al., "Coronary Artery Pseudo-Occlusion Associated With the Use of an Active Hemoperfusion System During PTCA," Catheterization and Cardiovascular Diagnosis, Vol. 24, pgs. 58-61, 1991.
		Norihiko Shiiya et al., "Effects of Hemopump Support on Left Ventricular Unloading and Coronary Blood Flow," Trans Am Soc Artif Intern Organs, Vol. XXXVII, pgs. M361-M362, 1991.
		Yehuda Tamari et al., "The Effect of High Pressure on Microporous Membrane Oxygenator Failure," Artificial Organs, Vol. 15, No. 1, pgs. 15-22, February 1991.
		Jose R. Azpiri et al., "Effects of Hemoperfusion During Percutaneous Transluminal Coronary Angioplasty on Left Ventricular Function," The American Journal of Cardiology, Vol. 67, pgs. 1324-1329, June 15, 1991.
		J. Richard Spears et al., "Potential Intravascular Oxygenation with Oxygen Clathrate Hydrate," (Abstract 388), Abstracts From the 65 <sup>th</sup> Scientific Sessions, Circulation, Vol. 80, Suppl. I, pg. I-97, 1992.
		Brian A. Cason, et al., "Effects of High Arterial Oxygen Tension on Function, Blood Flow Distribution, and Metabolism in Ischemic Myocardium," Circulation, Vol. 85, No. 2, pgs. 828-838, February 1992.
		Germano DiSciascio et al., "Reduction of Ischemia With a New Flow-Adjustable Hemoperfusion Pump During Coronary Angioplasty," American College of Cardiology, Vol. 19, No. 3, pgs. 657-662, March 1, 1992.
		"CORFLO™ Active Perfusion System for Coronary Angioplasty," Leacor, Inc., Houston, Texas, 1993.
		Taijiro Sueda et al., "Evaluation of Two New Liquid-Liquid Oxygenators," ASAIO Journal, pgs. 923-928, 1993.
		Howard P. Grill et al., "Hemoperfusion During Right Coronary Artery Angioplasty Causing High-Grade Heart Block," The American Journal of Cardiology, Vol. 72, pgs. 828-829, October 1, 1993.
CDB		Ebo D. deMuinck et al., "Hemoperfusion during Coronary Angioplasty: First European Experience with a New Hemoperfusion Pump," Artificial Organs, Vol. 18, No. 7, pgs. 517-522, 1994.

(Author, Title, Journal, Volume, Pertinent Pages, & Date)		
CB		JDS Gaylor et al., "Membrane oxygenators: influence of design on performance," <i>Perfusion</i> , Vol. 9, No. 3, pgs. 173-180, 1994.
		Brian A. Cason et al., "Therapeutic Hyperoxia Diminishes Myocardial Stunning," <i>J Card Surg</i> , pgs. 459-464, 1994.
		Michael T. Snider et al., "Small Intrapulmonary Artery Lung Prototypes: Design, Construction, and <i>In Vitro</i> Water Testing," <i>ASAIO Journal</i> , pgs. M533-M539, 1994.
		"Non-Invasive Air/Bubble & Liquid Detection," <i>Introtek Bulletin</i> , Edgewood, New York, January 1994.
		Terry G. Campbell, "Changing Criteria for the Artificial Lung Historic Controls on the Technology of ECMO," <i>ASAIO Journal</i> , Vol. 40, No. 2, pgs. 109-120, April-June 1994.
		Steven N. Vaslef, et al., "Design and Evaluation of a New, Low Pressure Loss, Implantable Artificial Lung," <i>ASAIO Journal</i> , Vol. 40, No. 3, pgs. M522-M526, July-September 1994.
		Christopher E. Brennen, "Cavitation and Bubble Dynamics," <i>California Institute of Technology</i> , Pasadena, California, pgs. 1-33, 1995.
		Ron Waksman, MD et al., "Endovascular Low-Dose Irradiation Inhibits Neointima Formation After Coronary Artery Balloon Injury In Swine, A Possible Role for Radiation Therapy in Restenosis Prevention," <i>Circulation</i> , Vol. 91, No. 5, pgs. 1533-1539, March 1, 1995.
		Philip D. Beckley, et al., "Comparison of the performance characteristics of three generations of membrane oxygenators: Univox®, Univox®Gold™ and SpiralGold™," <i>Perfusion</i> , Vol. 11, No. 1, pgs. 61-70, 1996.
		J. Richard Spears et al., "Myocardial Protection With a Perfusion Guidewire During Balloon Angioplasty in a Canine Model," (Abstracts/Poster 1032-30), <i>JACC</i> , Vol. 27, Suppl. A, pg. 392A, February 1996.
		J. Richard Spears, "Advances in the Management of Respiratory Failure - Aqueous Preparations of Oxygen," <i>American Society for Artificial Internal Organs, Inc.</i> , Vol. 42, No. 3, May-June, 1996.
		Ron Waksman, MD, "Local Catheter-Based Intracoronary Radiation Therapy for Restenosis," <i>Am J. Cardiol</i> , Vol. 78 (3A), pgs. 23-28, August 14, 1996.
		Kane M. High et al., "Polysulfone Coating for Hollow Fiber Artificial Lungs Operated at Hypobaric and Hyperbaric Pressures," <i>ASAIO Journal</i> , Vol. 42, No. 5, pgs. M442-M445, September-October 1996.
		J. Richard Spears et al., "Hyperoxemic Perfusion with Aqueous Oxygen Improves LV Function During Experimental MI-Reperfusion," (Abstract 2038), <i>Circulation</i> , Vol. 96, Abstracts from the 70 <sup>th</sup> Scientific Sessions, Supplement I, pgs. I-364-I-365, 1997.
		Richard Maas et al., "Superoxygenation Process Treats Highly Concentrated Wastewaters," <i>WATER/Engineering &amp; Management</i> , pgs. 29-33, 39, February 1997.
		J.R. Spears et al., "Intraaortic Infusion of Oxygen in a Rabbit Model," (Abstracts/Poster 1014-155), <i>JACC</i> , Vol. 29, Suppl. A, pgs. 317A-318A, February 1997.
		"22 <sup>nd</sup> International Joint Conference on Stroke and Cerebral Circulation," Anaheim, California, February 6-8, 1997.
CB		K. Minami et al., "Pulsatile and nonpulsatile extracorporeal circulation using Capiox®E Terumo oxygenator: a comparison study with Ultrox® and Maxima® membrane oxygenators," <i>The Journal of Cardiovascular Surgery</i> , Vol. 38, No. 3, pgs. 227-232, June 1997.

(Author, Title, Journal, Volume, Pertinent Pages, & Date)		
CTB		Adrian H. Shandling et al., "Hyperbaric oxygen and thrombolysis in myocardial infarction: The "HOT MI" Pilot Study," American Heart Journal, Vol. 134, No. 3, pgs. 544-550, September 1997.
		J. Richard Spears et al. "Aqueous Oxygen: A Highly O <sub>2</sub> -Supersaturated Infusate for Hyperoxemic Treatment of Postischemic Myocardium, (Abstract/Poster TCT-262), The American Journal of Cardiology, September 1997.
		Yoshinari Niimi et al, "Effects of Ultrathin Silicone Coating of Porous Membrane on Gas Transfer and Hemolytic Performance," Artificial Organs, Vol. 21, No. 10, pgs. 1082-1086, October 1997.
		Jose A. Condado, "Basis of endovascular radiation therapy in human coronary arteries," Seminars in Interventional Cardiology, Vol. 2, No. 2, pgs. 115-118, November 12, 1997.
		J. Richard Spears et al., "Aqueous Oxygen - A Highly O <sub>2</sub> -Supersaturated Infusate for Regional Correction of Hypoxemia and Production of Hyperoxemia," Circulation, Vol. 96, No. 12, pgs. 4385-4391, December 16, 1997.
		G.J. Brereton et al., "Nucleation in small capillary tubes," Chemical Physics 230, pgs. 253-265, 1998.
		David W. Fried, et al., "Clinical oxygen transfer comparison of the Terumo Capiiox SX18 and SX25 membrane oxygenators," Perfusion, Vol. 13, No. 2, pgs. 119-127, 1998.
		Edited by Ron Waksman et al., "Handbook of Vascular Brachytherapy," The Livery House, London, pgs. 1-131, 1998.
		J.R. Spears et al., "Hyperoxemic Reperfusion With Aqueous Oxygen Improves Left Ventricular Function and Microvascular Flow in the Postischemic Canine Myocardium," (Abstract 1185-127), JACC, Vol. 31 (Suppl. A) pg. 449A, February 1998.
		Cassandra Henney et al., "Post MI Aqueous Oxygen Hyperoxemic Coronary Reperfusion Acutely Improves Canine LV Function Compared to Normoxemic Reperfusion," (Abstracts/Poster TCT-277), Amer. J. Cardiology, p. 100S, October 8, 1998.
		J. Richard Spears et al., "Subselective Intracoronary Aqueous Oxygen Hyperoxemic Reperfusion After One Hour Coronary Occlusion in Swine Restores Left Ventricular Function," (Abstracts/Poster 1124-165), JACC, Vol. 33, Suppl. A, pg. 357A, February 1999.
		Product Monograph, Fluosol® 20% Intravascular Perfluorochemical Emulsion, "Delivers Oxygen to Protect the Heart During PTCA," Alpha Therapeutic Corporation, pgs. 3-30.
		Katzen™ Infusion Wires Product Description, (Rev. 3/91).
		J. Richard Spears, "Preliminary Studies (Low oxygen yield system: oxygen-supersaturated D <sub>2</sub> W), PHS 398, pgs. 50-51, (Rev. 9/91). (WAS THIS PUBLISHED???)
		R. Snyder et al., "Percutaneous Transluminal Coronary Angioplasty with Hemoperfusion," Leacor Inc., Houston, Texas, pgs. M367-M368.
		J. Richard Spears, "Stabilization of Oxygen-Supersaturated Water During Capillary Injection Into Aqueous Media," Cardiovascular Laser Laboratory, Wayne State University School of Medicine, Detroit, Michigan, pgs. 1-20. (WAS THIS PUBLISHED???)
		Robert E. Apfel, "The Tensile Strength of Liquids," pgs. 58-71.
CTB		"Artificial Lungs," pgs. 55-60.

(Author, Title, Journal, Volume, Pertinent Pages, & Date)		
CB		H. Lawrence Clever et al., "The Solubility of Gases in Liquids," Techniques of Chemistry, "Solutions And Solubilities," Volume VIII, Chapter VII, Part I, pgs. 379-441.
CB		E. Newton Harvey et al., "Bubble Formation In Animals," J. Cell. Comp. Physiol., Vol. 24, pgs. 23-34.
CB		William Patterson et al., "A Liquid Oxygenator Salvages Myocardial Tissue by Delivering Hyperbaric Levels of Oxygen and by Reducing Neutrophil Accumulation," San Diego CREF Conference (Abstract/Poster Presentation), 12 pages, February 10, 2000.
EXAMINER		DATE CONSIDERED
CHESTERT. BARRY		3/28/05
PRIMARY EXAMINER		
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.		

Information Disclosure Statement--PTO-1449 (Modified)

